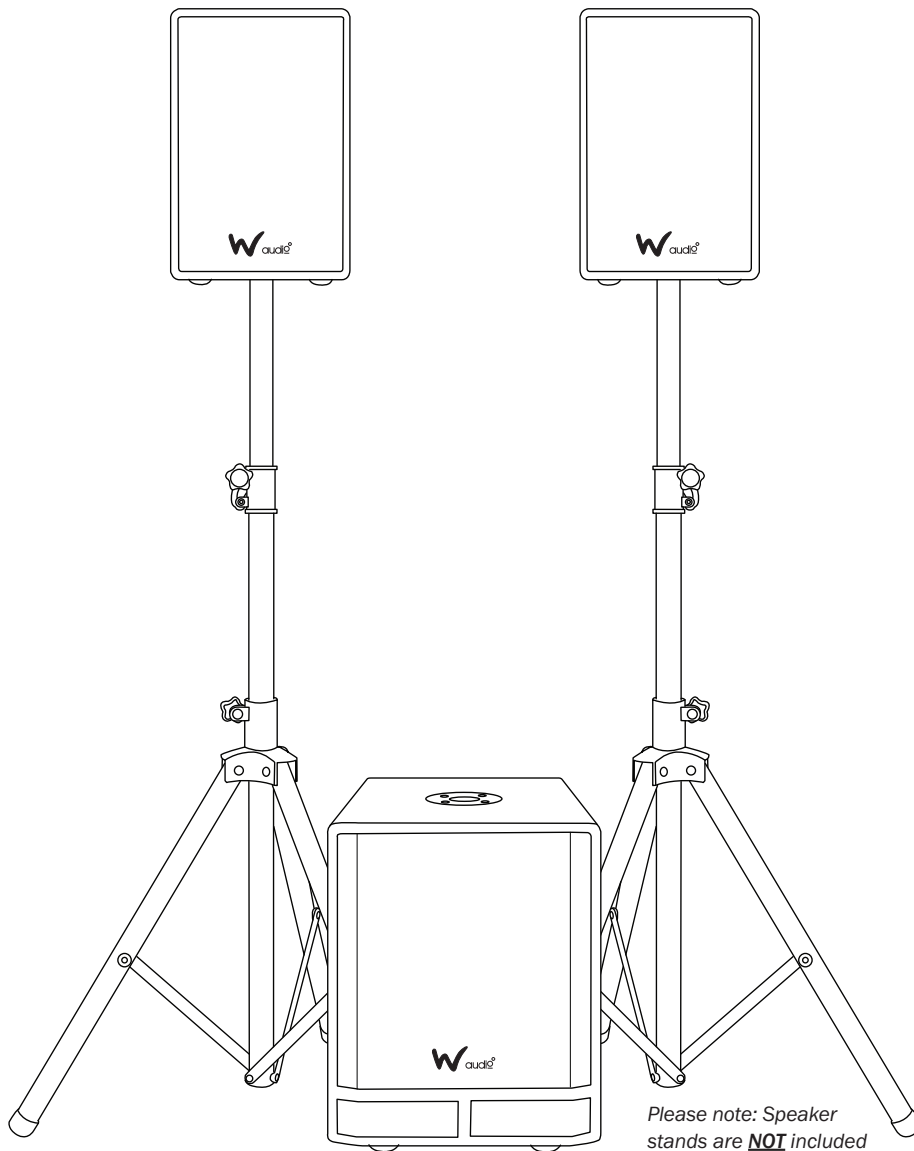




# **Gig Rig CompACT 10 Sub/Sat Speaker System**

## **User Manual**



**Order code: SPEA44**

## WARNING

### FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all the parts are present.
- Before initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- Retain the carton and all packaging materials.
- In the event that the equipment must be returned to the supplier, it is important that the equipment is returned in the original carton and packaging.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.



**DANGER TO LIFE!**  
BEFORE OPERATING THE  
SPEAKER FOR THE FIRST  
TIME, THE INSTALLATION  
HAS TO BE APPROVED  
BY AN EXPERT



**CAUTION!**  
KEEP THIS EQUIPMENT  
AWAY FROM MOISTURE,  
RAIN AND LIQUIDS, AND  
OUT OF DAMP/HUMID  
ENVIRONMENTS



**CAUTION!**  
TAKE CARE USING  
THIS EQUIPMENT!  
HIGH VOLTAGE-RISK  
OF ELECTRIC SHOCK!!

## IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with caution!
- Never remove warning or informative labels from the equipment.
- Do not open or modify the equipment.
- Do not connect this equipment to a dimmer-pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power cable by the plug. Never pull out the plug by pulling the power cable.
- Make sure that the available voltage is between 220V/240V.
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately. Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If the product fails to function correctly, discontinue use immediately. Pack securely (preferably in the original packing material), and return to your dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- WARRANTY: One year from date of purchase.

## OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

Incase of malfunction this system should be returned for service or inspection.

Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

## Safe installation

Make sure that the area below the installation place is blocked when rigging, derigging or servicing the system. **Please note:** W Audio cannot be made liable for damages caused by incorrect installations and excessive noise levels.

## Unpacking and transportation:

Unpack the units and examine them for transport damage.

When boxed in the original packaging the speaker system should be carried by two persons of the same size. Carrying the speaker system with one person alone should be avoided as the heavy weight and strain could lead to back injury. Please note that all speaker systems weighing more than 25kg must be transported by two persons.



**DANGER TO LIFE!**  
A FALLING SPEAKER SYSTEM CAN  
CAUSE DEADLY ACCIDENTS, ALL SAFETY  
INSTRUCTIONS GIVEN IN THIS MANUAL  
MUST BE OBSERVED.



**CAUTION - FIRE HAZARD!**  
KEEP AWAY FROM CIGARETTES,  
FIRE AND HEATERS ETC. TREAT THE  
SURFACE WITH A FIRE RETARDANT  
AT REGULAR INTERVALS.



**WARNING!**

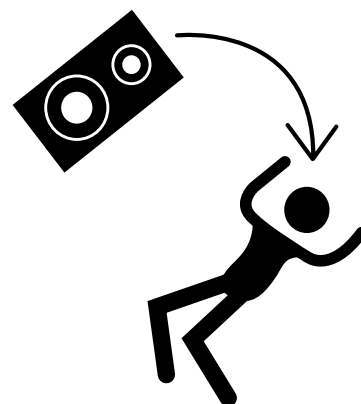
**LOUD NOISE HAZARD**  
EAR PROTECTION  
MUST BE WORN



**DANGER!**

**IMPACT HAZARD**  
SECONDARY ATTACHMENT  
REQUIRED FOR OVERHEAD  
INSTALLATION!

**DANGER TO LIFE DUE  
TO FALLING SPEAKER  
SYSTEMS.**



Please note that speaker systems can move due to bass beats and vibrations.

Furthermore, unintended pushing on the speakers present a further risk. The speaker system must always be secured against moving or the respective area has to be blocked.

The given maximum power of the speaker system describes short term peaks the system can handle as a maximum. The corresponding RMS power is - as of all comparable systems (also from other manufactures) - significantly lower. The maximum power of the speaker system must never be exceeded. When operating the speaker system, please make sure that the system always sounds clear. When distortion can be heard, either the amplifier or the loud speaker is being overdriven. Overloads can quickly lead to amplifier or speaker damage. In order to avoid damage, please reduce the volume immediately when distortion can be heard. When speaker systems are damaged by overdriving, the guarantee becomes void.

- The ambient temperature must always be between -5° C and +45° C.  
Keep away from direct sunlight (particularly in cars) and from heaters.
- The relative humidity must not exceed 50% with an ambient temperature of +45° C.
- This speaker system must only be installed at a solid, horizontal, anti-slip, vibration and oscillation free fire resistant location.
- Please note: When using this speaker system in public or industrial areas, a series of safety instructions have to be followed that this manual can only give in part. The operator must therefore inform himself on the current safety regulations.
- Before installing the system, make sure that the installation area can hold a minimum point load of 5 times the systems weight (e.g. weight 20kg - point load 100kg).
- The speaker system must never be installed higher than 100cm with out a secondary attachment.
- For over head installations (mounting height >100cm), always fix the speaker system with an appropriate safety cable.
- The installation area of the speaker system has to be built and constructed in a way that it can hold 10 times the weight of the speaker for 1 hour without any deformation.
- The installation area of the speaker system has to be built and constructed in a way that it can hold 10 times the weight of the speaker for 1 hour without any deformation.



**DANGER TO LIFE - DUE TO FALLING SPEAKERS SYSTEMS!**  
**THE SUBWOOFER MUST NEVER BE SUSPENDED.**  
**THE MID/HIGH SPEAKER MUST ONLY BE SUSPENDED BY EXPERIENCED AND TRAINED PERSONS.**

The top speaker system can be installed on top of a subwoofer (satellite system), on a speaker stand or an appropriate wall mounting. The carrying capacity of the extension pole, the speaker stand, or wall mounting bracket must never be exceeded.

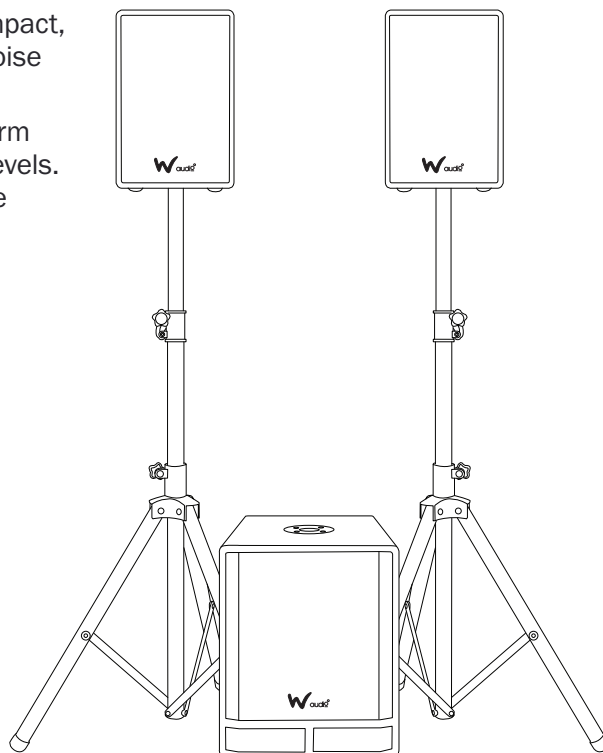
## Gig Rig CompACT 10 Sub/Sat Speaker System

W-Audio's latest combined speaker and amp technology is a compact, all-in-one system. From smooth background ambience to a big noise for rock-the-house party time, the Gig Rig ComACT 10 does it all.

High-quality speakers sporting powerful magnets conjure a uniform sound that remains amazingly smooth from low to high volume levels. The power amps produce an impressive 400Wrms, they drive the Gig Rig ComACT 10 to deliver high impact audio.

- Subwoofer and mid/high level controls
- Ground lift switch
- Locking speaker sockets
- Balanced XLR / Unbalanced 6.35mm (1/4") jack inputs
- Balanced XLR signal link outputs
- 35mm top hat for optional pole mounting on both satellite speakers and subwoofer
- Durable hardwearing finish

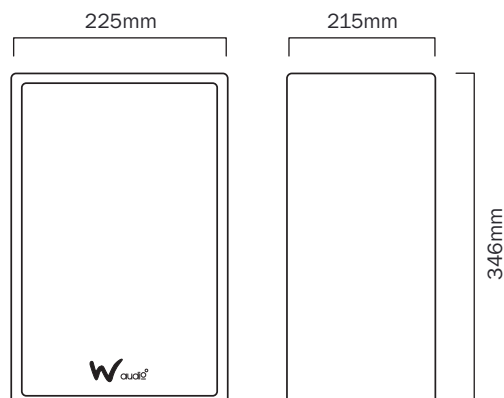
Specifications	Satellite speakers (each)	Subwoofer
Continuous power	75Wrms	250Wrms
Peak power	150W	500W
Max. calculated SPL	110dB	123dB
Efficiency (1W/1M)	90dB	90dB
Frequency response	90Hz - 20kHz	45Hz-150Hz
LF transducer	1 x 6.5" with 1.5" voice coil	10" with 2" voice coil
HF transducer	1 x 1" silk dome	-
Nominal impedance	8Ω	4Ω
Connections	2 x Locking speaker connector	Locking speaker connector, XLR male & female and 6.35mm (1/4") jack
Dimensions (H x W x D)	346 x 225 x 215mm	429 x 340 x 460mm
Weight	6.4kg	25.6kg
Gig Rig CompACT 10 Speaker System - order code: SPEA44		



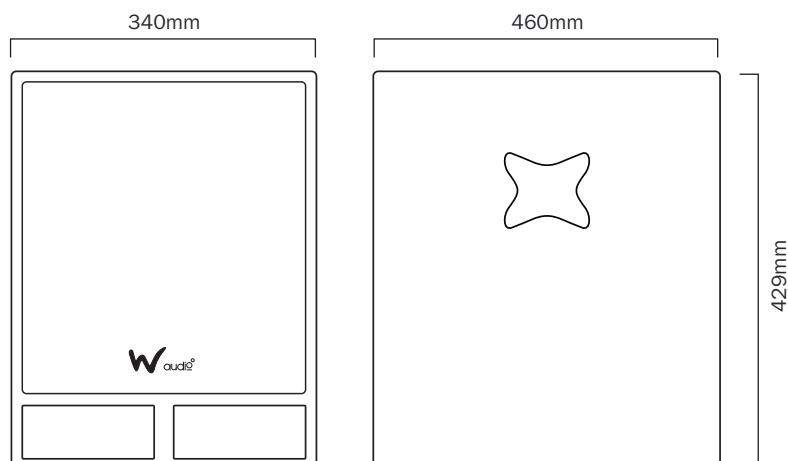
Please note: Speaker stands are **NOT** included

In the box: **2 x satellite speakers, 1 x subwoofer, 2 x speaker cables 1 x power cable & 1 x user manual**

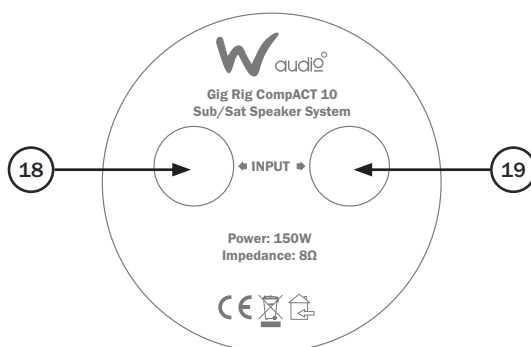
### Satellite speaker dimensions



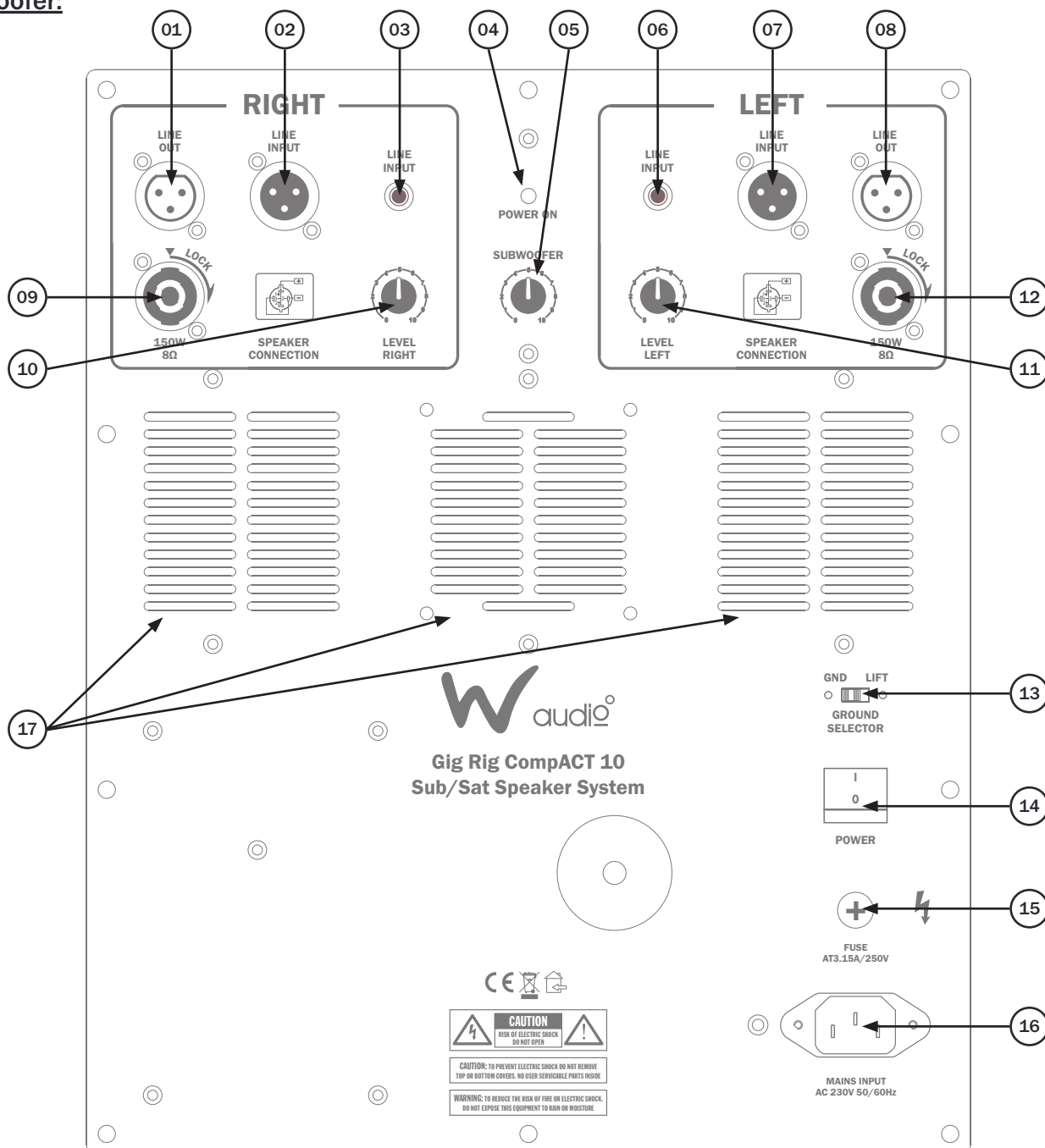
### Subwoofer dimensions



## Satellite speaker:



## Subwoofer:



## Satellite speaker:

- 1/8 **Balanced outputs:** Stereo balanced line outputs suitable for linking to extra Sub/Sat systems. If using the system in mono the left output should be linked to the right input using a short, balanced XLR-XLR cable.
- 2/7 **Balanced inputs:** Stereo balanced line inputs suitable for input from a mixing console. If using the system in mono, only the left input should be used and the right output linked to the left input using a short, balanced XLR-XLR cable.
- 3/6 **Unbalanced inputs:** Stereo, line level input via 6.35mm ( $\frac{1}{4}$ " jack).
- 4 **Power LED:** This LED illuminates when the unit is switched on.
- 5 **Subwoofer level control:** Level (volume) control for the subwoofer amplifier allowing the balance between bass and mid/high to be adjusted.
- 9 **Satellite output:** Speaker level signal output for connecting the right satellite mid/high speaker. Minimum output impedance 8Ω.
- 10/11 **Mid/High volume:** Level (volume) control for the left/right satellite loudspeakers. Turn dial to zero before powering system on/off.
- 12 **Satellite output:** Speaker level signal output for connecting the left satellite mid/high speaker. Minimum output impedance 8Ω.
- 13 **Ground lift switch:** During normal operation the switch should be in the 'GND' position. Should the system suffer from a low frequency (50/60Hz) hum the switch can be moved to the 'lift' position. This will disconnect the signal ground from the chassis. Do not attempt to remove the protective earth from the incoming mains connection.
- 14 **On/Off switch:** Mains power on/off for the system. Connections for signal input and speaker outputs must be made before powering on the system.
- 15 **Mains fuse:** Should the unit fail to power on remove the mains cord and check the fuse. Replace only with T.3.15A 250V type.
- 16 **IEC mains inlet:** Connect the system to the mains using the supplied 13A BS1363 IEC power cord. Care should be taken to ensure the mains outlet voltage is AC 240V 50Hz.
- 17 **Ventilation holes:** The system utilises a forced air system to keep the system cool while running under demanding systems. All ventilation slots must be kept clear of obstruction and cleaned on regular occasions.
- 18 **Satellite input:** Satellite input socket for speaker level signal input from the subwoofer.

## Start Up

Place the subwoofer to the desired installation area and carefully turn it onto its feet.

Make sure that the power switch is set to "OFF" before you connect the speakers.

## Inputs

This speaker system is to be directly connected to the line outputs of your audio mixer or keyboard etc.

A good quality cable run improves the sound quality considerably. Input cables should be short and direct, since high frequencies may be absorbed if the cables are unnecessarily long. Also a longer cable may lead to hum or noise problems. If long cables runs are unavoidable, you should use balanced cables.

In order to obtain the highest sound quality, only use high quality cables for connecting the units.

The system can be connected via phono sockets or XLR plugs for line level inputs and via balanced XLR jack sockets for microphone level inputs

Always connect the left and right channels for stereo operation. For mono operation, connect the mono signal to the left input. Connect the left output socket via a short XLR cable to the right input.

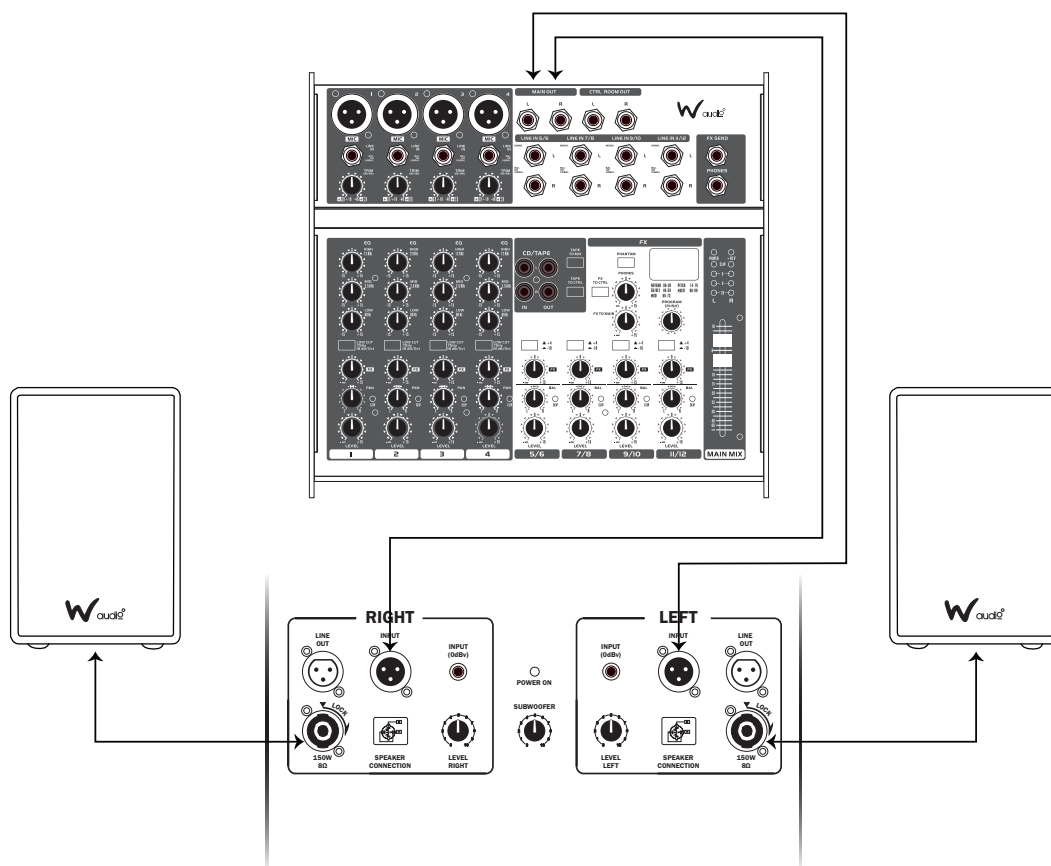


## Connection

- Before connecting the speakers and audio source to this device, make sure that all volume/gain controls are turned fully anti-clockwise in the minimum position.
- Using the SpeakON cables supplied connect the left output socket from the subwoofer to the SpeakON input socket of the left satellite speaker. Then do the same for the right. (When inserting SpeakON plugs into the SpeakON sockets please ensure they are fitted the correctly - See page 9)
- Connect your audio input source to the audio input sockets on the sub using either XLR or  $\frac{1}{4}$ " jack plugs. Remember: Left to left and right to right.
- Turn on the mains power switch and the mains LED will illuminate.
- Supply the subwoofer unit with an audio signal. E.g. - Audio from a mixer or CD/line level source.
- Turn volume controls clockwise on the satellites until the desired volume level is achieved.
- Turn the subwoofer volume control clockwise until the desired bass level is achieved.
- **IMPORTANT! DO NOT OVERDRIVE THE SYSTEM.** If any distortion or clipping is audible you must reduce the input signal level or reduce the volume of the satellite speakers and bass. Failure to do so will cause damage to the amplifier and or speakers.
- Ground selector - This switch is for separating the ground of the amplifier from the chassis and may assist with the removal of audio hum.

## Connecting a mixer to the system

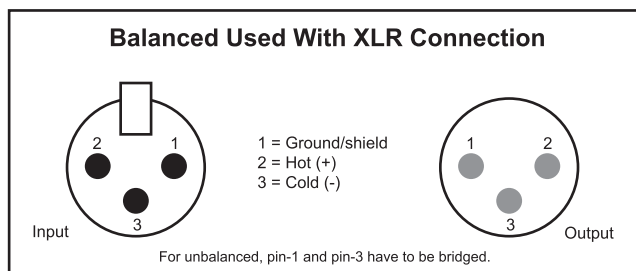
See diagram below for how to connect the speaker system to a mixer.





## Balanced XLR Connection

### Connection With The Mains



Connect the unit to the mains via the IEC mains inlet using the 13A UK - IEC cord supplied.

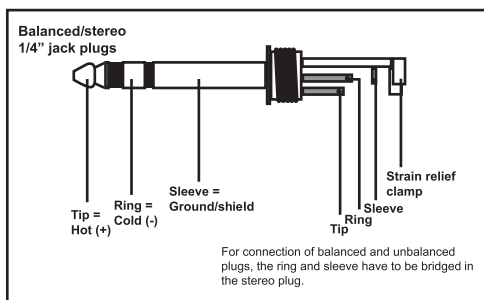
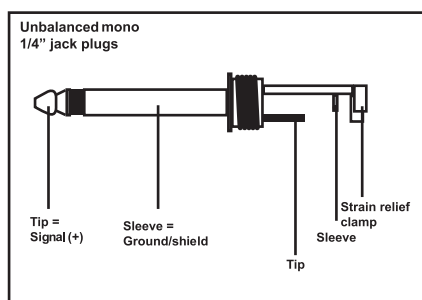
**The protective earth must be connected, do not attempt to remove or tamper with the mains earth connection.**

Switch the unit on. After switching on the speaker system, wait 8-10 seconds before you turn the volume control up in order to avoid speaker damage.

**CAUTION!** Increase the level of each channel up to the point where the clip LEDs illuminate.

Always check the sound pressure level with a meter in order to keep to the legal threshold.

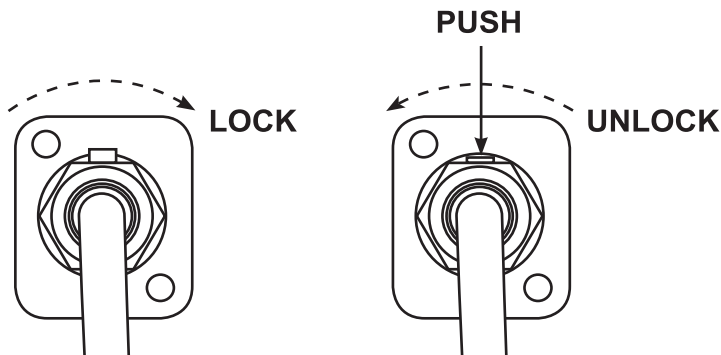
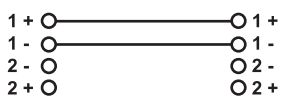
### Jack plug



### Connections

This speaker system is equipped with 4 pole, locking speaker sockets. For locking the connection turn the plug to the right. For unlocking pull the unlock button and turn the plug to the left and pull it out of the socket.

### Speaker socket



### Installing the speaker cables

Connect the satellite speakers to the left and right satellite sockets. The signal will be transmitted to the individual speakers.

Always treat the cables carefully and protect them from damage during transportation.

Always install the cables in a structured way and protect them from damage.

The cables must be installed in a way that no person can trip over them. Always fix the cables with an appropriate tape etc.

## Installation on a Speaker Stand

The speaker system may only be installed on a speaker stand if the original speaker system is equipped with an appropriate stand adaptor.

Stands or satellite systems must only be installed on a plane area with a maximum inclination angle of 5°.

**CAUTION:** Speaker systems installed under the influence of horizontal forces, e.g. wind, can be impaired. This is why additional safety measures like attaching ballast weights have to be taken.

If inclined tension cables or prolonged outriggers are used, the area of danger has to be marked or blocked.

Before lifting or lowering the telescopic tubes, you must always block a safety area around the stand or satellite system. This safety area must have a diameter of 1.5 times the maximum height.

Lifted telescopic tubes always have to be secured with a secondary securing attachment.

The total weight of the installation (total weight of system including individual parts) must never exceed the maximum load of the installation area.

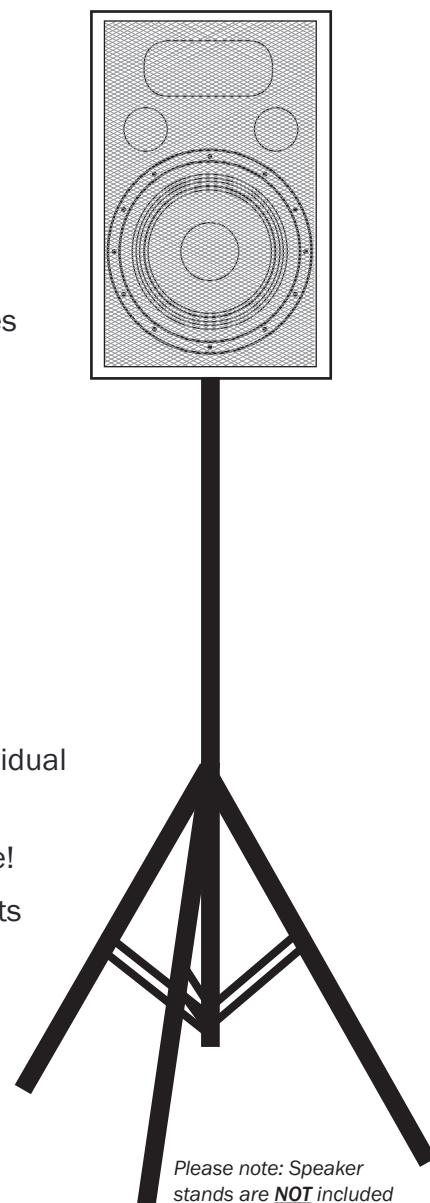
Unintended movement of the load has to be avoided - also in case of fire!

Loosen the fixing screws of the legs, pull the legs out until the cross struts are at a 90° angle to the legs. Tighten the fixing screws of the legs.

## **Installation Of The Speaker System**

**CAUTION:** The loads have to be installed in a balanced way.

**CAUTION:** The carrying capacity of the stand or speaker stand must never be exceeded.

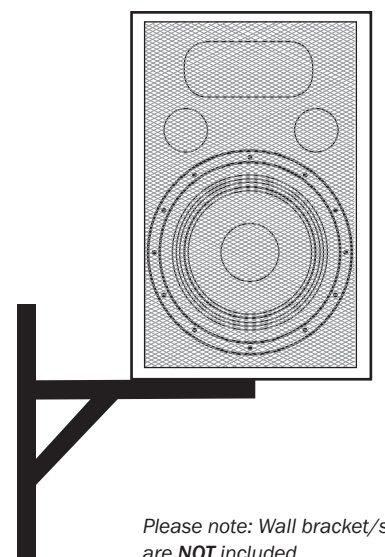


## Wall Installation

The speaker system can only be installed on a wall, if the original speaker system is equipped with an appropriate mounting point.

Before attaching the speaker system, make sure that the installation area can hold a minimum point load of 10 times the installations weight. (E.g. 13kg - 130kg point load).

The durability of the installation depends very much on the material used at the installation area (building material), such as wood, concrete and brick etc. This is why the fixing material must be chosen to suit the wall material. Always ask a specialist for the correct plug/screw combination indicating the maximum load and building material. (Note: Wall bracket/s not included)



## Satellite System

The satellite system must always provide enough stability.  
The subwoofer's base surface must always be sufficiently dimensioned in relation to the top speaker in order to prevent tilting over.

The subwoofer and the top speaker must only be connected via an appropriate extension pole and stand adaptor.

The carrying capacity of the distance tube must never be exceeded.

When choosing the installation location, please make sure no person can enter the area below the system! Make sure that the respective area is blocked.

An unintended movement of the load has to be avoided  
- also in case of fire!

The system must never be moved before the top speaker has been removed.



## Overhead Installation

If the speaker system is to be installed with a mounting height of more than 1m (e.g. on a stage or framework), the speaker system must always be secured with an appropriate secondary securing attachment.

The installation must always be secured with a secondary safety attachment. e.g. an appropriate catch net. The secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.

When rigging, derigging, or servicing the speaker system standing in the area below the installation place, on bridges or other endangered areas are forbidden.

The operator has to make sure that the safety data is approved by an expert before operation for the first time and after any changes are made.

The operator has to make sure that the safety data is approved by an expert after every four years in the course of an acceptance test.

The operator has to make sure that the safety installation data is approved by a skilled person once a year.

## **Procedure**

The speaker system should be installed outside areas where persons may walk by or seated.

**IMPORTANT! OVER HEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE** including (but not limited to) calculating working limits, installation materials used, and periodic safety inspection of all installation materials and the speaker system. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and damage to your property.

The speaker system has to be installed out of the reach of people.

**CAUTION:** Speaker systems in overhead installations may cause severe injuries when falling!

If you have doubts concerning the safety of a possible installation, do not install the speaker system!

Before rigging make sure that the installation area can hold a minimum point load of 10 times the speaker systems weight.

## **Replacing The Fuse**

**CAUTION!** Before replacing the fuse, please make sure that mains cable is unplugged.

### **Procedure**

Step 1: Unscrew the fuse holder and the rear panel with a screw driver (anti-clockwise).

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install a new fuse of the same type and rating.

Step 4: Replace the fuse holder in the housing and fix it.



## ***Correct Disposal of this Product (Waste Electrical & Electronic Equipment)***

**(Applicable in the European Union and other European countries  
with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

